

Name \_\_\_\_\_

Section \_\_\_\_\_

## Lab Report: Analysis of Antacids

### Commerical Antacid

<b>Sample Code</b>	
<b>Brand Name</b>	

Weight of the intact tablet \_\_\_\_\_ g

	Run 1	Run 2
<b>Mass of fragment (g)</b>		
<b>Final buret reading (mL)</b>		
<b>Initial buret reading (mL)</b>		
<b>Volume of titrant (mL)</b>		
<b>Moles NaOH added</b>		
<b>Moles HCl added</b>		
<b>Moles of HCl neutralized by the antacid tablet</b>		
<b>Moles of HCl neutralized/gram of antacid tablet</b>		
<b>Moles of HCl neturalized per mole of antacid</b>		
<b>Cost to neutralize one mole of HCl (\$ per mole)</b>		

Comment on the overall cost to neutralize one mole of HCl for various brands.

